

Complete Listing of the Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) A set of surgical instruments for repairing a cartilage surface on a posterior surface of the patella, comprising:
a first instrument including a channel defining a longitudinal axis that extends from the channel to intersect an anterior surface of the patella; and
a second instrument that is mountable to the first instrument and that includes a surface that is configured to be placed arthroscopically against a posterior surface of the patella, wherein the longitudinal axis of the channel intersects the surface of the second instrument when the second instrument is mounted to the first instrument.
2. (Previously Presented) The set of surgical instruments of claim 1, wherein an angle of intersection is in a range of approximately 80° to 100°.
3. (Previously Presented) The set of surgical instruments of claim 1, wherein an angle of intersection is approximately 90°.
4. (withdrawn) The set of surgical instruments of claim 1, further comprising a guide wire configured to be inserted into the channel in the first instrument and to drill a passage from an anterior opening on the anterior surface of the patella to a posterior opening on the posterior surface of the patella, wherein the longitudinal axis of the passage through the patella is perpendicular to the posterior surface of the patella at the posterior opening.
5. (withdrawn) The set of surgical instruments of claim 4 wherein an angle of intersection is in a range of approximately 80° to 100°.

6. (withdrawn) The set of surgical instruments of claim 4 wherein an angle of intersection is approximately 90°.

7. (withdrawn) The set of surgical instruments of claim 4, further comprising a drill configured to be passed over the guide wire and into the anterior opening, and operable to enlarge the passage in the patella, from the anterior opening to the posterior opening.

8. (withdrawn) The set of surgical instruments of claim 7 further comprising a delivery instrument configured to deliver a cartilage graft into the passage in the patella, wherein the delivery instrument includes an interior channel that extends between an open distal end and an open proximal end, and a flange at the distal end, with the flange being configured to be inserted into the anterior opening to deliver the cartilage graft through the interior channel into the passage in the patella.

9. (withdrawn) The set of surgical instruments of claim 8 wherein the delivery instrument includes a window formed in a wall and open to the interior channel, whereby the cartilage graft can be observed through the window during delivery through the interior channel.

10. (withdrawn) The set of surgical instruments of claim 9, further comprising an insertion instrument configured to be inserted into the interior channel of the delivery instrument to advance the cartilage graft from the delivery instrument through the anterior opening in the patella into the passage in the patella.

11. (original) The set of surgical instruments of claim 1, wherein the first instrument comprises a director handle including the channel and a slot configured to receive the second instrument, and the second instrument comprises a guide that includes a foot configured to be flush with a posterior surface of the patella when the foot is pressed against the patella.

12. (original) The set of surgical instruments of claim 11, wherein the foot includes a lower surface and a generally flat upper surface opposite the lower surface and configured to be pressed against the posterior surface of the patella.

13. (original) The set of surgical instruments of claim 12, wherein the generally flat upper surface includes a central channel passing between an opening in the upper surface and an opening in the lower surface.

14. (original) The set of surgical instruments of claim 13, wherein the central channel has a diameter that is reduced from the upper surface to the lower surface.

15. (original) The set of surgical instruments of claim 13, wherein a longitudinal axis of the central channel is perpendicular to the generally flat upper surface of the foot.

16. (withdrawn) The set of surgical instruments of claim 11, further comprising a tube having an interior channel and configured to be inserted in the channel of the director handle and to receive a guide wire in the interior channel for drilling a hole in the patella.

17. (withdrawn) The set of surgical instruments of claim 11, further comprising a drill having an interior channel, wherein the interior channel is configured to be inserted over a guide wire to enlarge a hole drilled by the guide wire in the patella.

18. (withdrawn) The set of surgical instruments of claim 11, further comprising an offset tool comprising:

a handle having a distal end;

a probe attached to the distal end and extending perpendicularly from a face of the handle; and

a guide attached to the distal end, offset from the probe, and having an inner shaft with a longitudinal axis that is substantially parallel to the probe.

19. (withdrawn) The set of surgical instruments of claim 18, wherein the longitudinal axis of the guide is offset from a longitudinal axis of the probe by approximately 0.1 to 0.3 inches.

20. (withdrawn) The set of surgical instruments of claim 11, further comprising:
a chisel having a tip and a longitudinal shaft passing through the tip;
a chisel guard having a shaft and a flanged end, wherein the shaft is configured to surround the chisel; and
a tamp configured to be inserted into the longitudinal shaft of the chisel.

21. (withdrawn) The set of surgical instruments of claim 11, further comprising a tapered bone plug compressor, wherein the compressor includes a longitudinal shaft passing between a first opening and a second opening, and the diameter of the shaft increases from the second opening to the first opening.

22. (withdrawn) The set of surgical instruments of claim 11, wherein the distal foot is pivotably attached to the guide.

23. (withdrawn) The set of surgical instruments of claim 1, wherein the first instrument comprises a guide tube including the channel and a window that allows visual inspection of the channel; and
the second instrument comprises a clamp body that includes an upper arm and a lower arm connected by an extension, wherein the upper arm includes a channel having a longitudinal axis and in which the guide tube is disposed, and the lower arm includes a foot having a channel aligned with the longitudinal axis of the channel of the guide tube and of the channel of the upper arm.

24. (withdrawn) The set of surgical instruments of claim 23, wherein the guide tube is threadably received in the channel in the upper arm.

25. (withdrawn) The set of surgical instruments of claim 23, wherein the upper arm is connected to the extension at a right angle and the lower arm is connected to the extension at a right angle.

26. (withdrawn) The set of surgical instruments of claim 23, wherein the upper arm is connected to the extension such that the upper arm and the lower arm are parallel.

27. (withdrawn) The set of surgical instruments of claim 23, wherein the foot has a flat upper surface configured to contact a bony surface.

28. (withdrawn) The set of surgical instruments of claim 23, wherein the foot is mounted to the lower arm in a fixed relationship.

29. (withdrawn) The set of surgical instruments of claim 23, wherein the foot is mounted to the lower arm in a pivotal relationship.

30. (withdrawn) The set of surgical instruments of claim 23, wherein the foot has a flat upper surface that is perpendicular to the longitudinal channel of the guide tube.

31. (withdrawn) The set of surgical instruments of claim 23, further comprising a drill guide configured to be inserted into the channel in the guide tube, wherein the drill guide includes a longitudinal channel.

32. (withdrawn) The set of surgical instruments of claim 31, further comprising a guide wire configured to be inserted into the longitudinal channel of the drill guide.

Claims 33-78 (cancelled).

79. (New) A set of surgical instruments for repairing a cartilage surface on a posterior surface of the patella, comprising:

a first instrument including

a channel defining a longitudinal axis that extends from the channel to intersect an anterior surface of the patella, and

a director handle including the channel and a slot configured to receive a second instrument;

the second instrument that is mountable to the first instrument and that includes a surface that is configured to be placed against a posterior surface of the patella, wherein the longitudinal axis of the channel intersects the surface of the second instrument when the second instrument is mounted to the first instrument, the second instrument including a guide that includes a foot configured to be flush with a posterior surface of the patella when the foot is pressed against the patella, wherein the foot includes:

a lower surface, and

a generally flat upper surface opposite the lower surface and configured to be pressed against the posterior surface of the patella, and the generally flat upper surface includes a central channel passing between an opening in the upper surface and an opening in the lower surface, wherein the central channel has a diameter that is reduced from the upper surface to the lower surface.